



TAB #10
Aqua Lock Plus™
Adhesion Primer Sealer
& Stain Killer
AQ-0400
Rev. 02/09

Aqua Lock Plus™ Latex Stain Killer AQ-0400

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Acrylic	Flat	300 - 400 Sq. Ft. Per Gallon*	Brush, Roller or Spray	Clean Water	Warm Soapy Water
Dry Time:		Tack Free: 30 Min.	Recoat: 1 – 2 Hrs.	Full Cure: 7 – 10 Days	

PRODUCT NAME: AQ0400 Aqua Lock Plus™ Latex Stain Killer	<p>Aqua Lock Plus™ Latex Stain Killer is a 100% acrylic formulated primer that provides excellent adhesion properties to a variety of interior & exterior surfaces. It has superior sealing and coverage qualities, product versatility and is an excellent base coat for both latex and oil-based finish coatings. It offers excellent stain blocking properties for water stains, fingerprints, smoke, crayons and more.</p> <p>Mildew Resistant: This product contains agents that inhibit the growth of mildew on the surface of the paint film. For interior & exterior applications.</p>	
WHERE TO USE:	Interior & Exterior	<p>Drywall, Plaster, Ceiling, Acoustical Tile, Wood Trim & Doors, Formica, Ceramic Tiles, Glossy Surfaces, PVC Plastic, Masonry Walls, Wood Siding, Cedar & Redwood, Wood Fences, Trim, Shutters, Masonry, Stucco, Concrete, Cement Block, Galvanized Metal, Aluminum, Vinyl Siding, etc.</p>
SURFACE PREPARATION:	<p>General – All surface areas to be painted should be clean, dry, sound and free of all dirt, grease, oils, waxes, mildew and any other surface contaminants that can cause paint failure. Dirt and chalk should be thoroughly removed by scrubbing with warm soapy water. Surface wax should be removed with a commercial wax stripper. Grease residue should be removed with INSL-X® Citri-Clean. Remove all loose chipping, cracking and peeling from previously painted surfaces by hand scraping, sanding, wire brushing and/or by use of power tool cleaning methods such as electric sanders, grinders, etc. Remove any loose rust, mill scale, rust deposits from metal surfaces by the same methods described above in accordance with SSPC – (Steel Structures Painting Council) specifications for the proper surface preparation of metal surfaces. Repair/replace any seriously damaged and/or delaminated surface areas. Lightly feather sand all rough paint edges to adjacent surface area. All glossy surface areas should be lightly sanded to effectively dull any existing sheen and create a more suitable surface for painting.</p> <p>Mildew – Surface areas affected by mildew should be thoroughly hand scrubbed with a soft to medium bristle scrub brush and a solution of one cup Tri-Sodium Phosphate or a non-ammoniated detergent cleaner mixed with one part household bleach and three parts warm water, per gallon solution, Allow solution to stand on the affected surface areas for approximately 10 – 20 minutes, then rinse thoroughly with clean water and allow 24 – 48 hours to dry.</p> <p>Glossy Surfaces – Although Aqua Lock Plus™ is formulated to be applied to hard to coat surfaces without the need for sanding, it is recommended that proper surface preparation still be completed to enhance adhesion properties. Surfaces such as Formica, ceramic tile and glossy painted surfaces should be properly deglossed. Once applied allow Aqua Lock Plus™ to cure for approximately 3 to 4 days to achieve maximum resistance to scrape off. However, Aqua Lock Plus™ may be topcoated with a quality latex or oil-based finish within 1 to 2 hours, depending on overall drying conditions.</p> <p>Stains – As a stain killer, Aqua Lock Plus™ provides excellent stain blocking properties against common stains, such as water stains, smoke stains, graffiti, crayons, lipstick and finger paints. However, it is recommended to thoroughly clean the affected surface areas as directed above before application. Some difficult stains may require two prime coat applications.</p>	

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*NOTE ON SPREAD RATE:	Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.
APPLICATION:	Aqua Lock Plus™ Latex Stain Killer applies easily with a quality brush, roller, airless, HVLP or conventional spray methods. Stir product thoroughly before using. For best results, it is recommended to apply by brush or roller application to effectively work primer into surface pores. When applying by brush, apply a smooth and generous coat application in an “M” or criss-cross motion avoiding any excessive re-spreading or reworking. If applying by airless sprayer, it is recommended to use a unit with a minimum of 2000 PSI of pressure with a 0.017 – 0.021 fluid spray tip. When applying by airless sprayer, it is recommended that the surface area should be back-rolled/brushed to insure proper adhesion, even application and effectively work primer into surface pores. It is important to maintain a wet edge during all methods of paint application by brushing or rolling into previously applied coating area. Apply when surface and ambient temperature are above 55° F and below 90° F. Avoid paint application outside when weather conditions are threatening, and late in the afternoon when there is a threat of moisture condensing on wet paint. Do not paint if surface temperature is within 5° F of the dew point.
RESIN TYPE:	Acrylic
SOLIDS:	Weight – 53.8 ± 1.0% Volume – 38.0 ± 1.0%
WEIGHT PER GALLON:	11.2 lbs.
VISCOSITY:	95 – 100 KU (Krebs Units)
FLASH POINT:	200° F or greater (TT-P-141, Method 4293)
SPECULAR GLOSS:	4 – 6 units @ 60 degrees
SAG RATING:	N/A
REC. FILM THICKNESS:	Wet: 4.0 to 5.3 mils Dry: 1.5 to 2.0 mils
CAUTIONS:	CAUTION Use only with adequate ventilation. Ensure fresh air during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer’s directions for respirator use. First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced get medical attention immediately. If swallowed, get medical attention immediately. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Obtain and read the MSDS prior to using this product. KEEP OUT OF REACH OF CHILDREN
VOC/VOS STATEMENT:	This product contains a maximum of 50 grams VOC/VOS per liter of coating. (0.42 pounds per gallon). Aqua Lock Plus™ meets the requirements for use on all LEED certified projects.
OTC CATEGORY:	This product is compliant under the Ozone Transport Commission regulations as a Specialty Primer/Sealer/Undercoater in all container sizes.